

09914114\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09914114 on October 15, 2004

Original Classifications

|   |         |
|---|---------|
| 3 | 341/67  |
| 3 | 710/68  |
| 2 | 341/56  |
| 2 | 341/59  |
| 2 | 382/232 |
| 2 | 382/246 |
| 2 | 704/503 |
| 2 | 712/200 |

Cross-Reference Classifications

|   |         |
|---|---------|
| 3 | 345/506 |
| 3 | 712/36  |
| 2 | 341/58  |
| 2 | 341/65  |
| 2 | 341/67  |
| 2 | 375/292 |
| 2 | 382/246 |
| 2 | 704/501 |
| 2 | 714/810 |

Combined Classifications

|   |            |
|---|------------|
| 5 | 341/67     |
| 4 | 382/246    |
| 4 | 710/68     |
| 3 | 345/506    |
| 3 | 375/292    |
| 3 | 712/36     |
| 2 | 341/56     |
| 2 | 341/58     |
| 2 | 341/59     |
| 2 | 341/65     |
| 2 | 375/240.01 |
| 2 | 375/262    |
| 2 | 375/265    |
| 2 | 382/232    |
| 2 | 382/233    |
| 2 | 382/245    |
| 2 | 704/501    |
| 2 | 704/503    |
| 2 | 708/203    |
| 2 | 712/200    |
| 2 | 714/810    |

09914114\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09914114 on October 15, 2004

5 341/67 (3 OR, 2 XR)  
 Class 341 : CODED DATA GENERATION OR CONVERSION  
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS  
 341/67 .To or from variable length codes

4 382/246 (2 OR, 2 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING  
 382/244 .Lossless compression  
 382/246 ..Huffman or variable-length coding

4 710/68 (3 OR, 1 XR)  
 Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
 PROCESSING SYSTEMS: INPUT/OUTPUT  
 710/1 INPUT/OUTPUT DATA PROCESSING  
 710/62 .Peripheral adapting  
 710/65 ..Input/Output data modification  
 710/68 ...Data compression and expansion

3 345/506 (0 OR, 3 XR)  
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS  
 345/501 COMPUTER GRAPHIC PROCESSING SYSTEM  
 345/502 .Plural graphics processors  
 345/506 ..Pipeline processors

3 375/292 (1 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/286 MULTILEVEL  
 375/292 .Disparity reduction

3 712/36 (0 OR, 3 XR)  
 Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
 SYSTEMS: PROCESSING ARCHITECTURES AND INS

TRUCTION

PROCESSING  
 712/1 PROCESSING ARCHITECTURE  
 712/32 .Microprocessor or multichip or multimodule  
 processor having sequential program contro  
 1 712/36 ..Application specific

# 09914114\_CLSTITLES

- 2 341/56 (2 OR, 0 XR)
  - Class 341 : CODED DATA GENERATION OR CONVERSION
  - 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
  - 341/56 .To or from multi-level codes
  
- 2 341/58 (0 OR, 2 XR)
  - Class 341 : CODED DATA GENERATION OR CONVERSION
  - 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
  - 341/58 .To or from minimum d.c. level codes
  
- 2 341/59 (2 OR, 0 XR)
  - Class 341 : CODED DATA GENERATION OR CONVERSION
  - 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
  - 341/59 .To or from run length limited codes
  
- 2 341/65 (0 OR, 2 XR)
  - Class 341 : CODED DATA GENERATION OR CONVERSION
  - 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
  - 341/64 .To or from number of pulses
  - 341/65 ..To or from Huffman codes
  
- 2 375/240.01 (1 OR, 1 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/240 BANDWIDTH REDUCTION OR EXPANSION
  - 375/240.01 .Television or motion video signal
  
- 2 375/262 (1 OR, 1 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
  
  - 375/260 .Plural channels for transmission of a single pulse train
  - 375/261 ..Quadrature amplitude modulation
  - 375/262 ...Maximum likelihood decoder or viterbi decoder
  
- 2 375/265 (1 OR, 1 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
  
  - 375/260 .Plural channels for transmission of a single pulse train
  - 375/261 ..Quadrature amplitude modulation
  - 375/265 ...Trellis encoder or Trellis decoder
  
- 2 382/232 (2 OR, 0 XR)
  - Class 382 : IMAGE ANALYSIS

09914114\_CLSTITLES  
382/232 IMAGE COMPRESSION OR CODING

2 382/233 (1 OR, 1 XR)  
Class 382 : IMAGE ANALYSIS  
382/232 IMAGE COMPRESSION OR CODING  
382/233 .Including details of decompression

2 382/245 (1 OR, 1 XR)  
Class 382 : IMAGE ANALYSIS  
382/232 IMAGE COMPRESSION OR CODING  
382/244 .Lossless compression  
382/245 ..Run-length coding

2 704/501 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/500 AUDIO SIGNAL BANDWIDTH COMPRESSION OR EXPANSIO

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704/501 .With content reduction encoding

2 704/503 (2 OR, 0 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/503 AUDIO SIGNAL TIME COMPRESSION OR EXPANSION  
(E.G., RUN LENGTH CODING)

2 708/203 (1 OR, 1 XR)  
Class 708 : ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING  
AND CALCULATING  
708/100 ELECTRICAL DIGITAL CALCULATING COMPUTER  
708/200 .Particular function performed  
708/203 ..Compression/decompression

2 712/200 (2 OR, 0 XR)  
Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: PROCESSING ARCHITECTURES AND INS

TRUCTION

PROCESSING  
712/200 ARCHITECTURE BASED INSTRUCTION PROCESSING

2 714/810 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY

|         |                                  |
|---------|----------------------------------|
|         | 09914114_CLSTITLES               |
| 714/699 | PULSE OR DATA ERROR HANDLING     |
| 714/799 | .Error/fault detection technique |
| 714/809 | ..Code constraint monitored      |
| 714/810 | ...Multilevel coding (n>2)       |